Subject: Re: [ckrm-tech] [PATCH 7/7] containers (V7): Container interface to nsproxy subsystem
Posted by Srivatsa Vaddagiri on Wed, 04 Apr 2007 03:00:46 GMT
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On Tue, Apr 03, 2007 at 10:49:49AM -0700, Paul Menage wrote:

- > > Why is the hierarchy bit important here? Usually controllers need to
- > > know "tell me what cpuset this task belongs to", which is answered
- > > by tsk->nsproxy->ctlr\_data[CPUSET\_ID].

>

> I was thinking of queries from userspace.

User space queries like "what is the cpuset to which this task belongs", where the answer needs to be something of the form "/dev/cpuset/C1"? The patches address that requirement atm by having a dentry pointer in struct cpuset itself.

Do you see similar queries coming in for every resource controller object (show me the path of cpu\_acct, cpu\_ctl, rss\_ctl ... objects to which this task belongs)? IMO that will not be the case, in which case we can avoid adding N pointers (N = max hierarchies) in nsproxy just to support queries of those sort.

If additional resource objects need to support such queries in future, we could add a dentry pointer in those objects as and when the need arises.

--Regards, vatsa